

TABLE 1

**MWD's Service Area Water Demands and Supplies
During a Repeat of Critical Drought (e.g, 1977 or 1991)**

| | Million Acre-Feet Per Year | | |
|---|----------------------------|-------|-------|
| | 2000 | 2010 | 2020 |
| Retail Demands (Consumptive, without Conservation) | 4.690 | 5.330 | 6.010 |
| Groundwater Replenishment Demands | 0.169 | 0.188 | 0.188 |
| Total Regional Demands | 4.859 | 5.518 | 6.198 |
| <u>Local Supplies:</u> | | | |
| GW, Surface & LAA | 1.755 | 1.668 | 1.672 |
| Recycling | 0.237 | 0.400 | 0.501 |
| Conservation BMPs (long-term) ¹ | 0.580 | 0.850 | 1.070 |
| Demand Management ² | 0.200 | 0.250 | 0.250 |
| <u>MWD Supplies:</u> | | | |
| CRA | 1.200 | 1.200 | 1.200 |
| SWP ³ | 0.550 | 0.420 | 0.650 |
| Surface Reservoir ⁴ | 0.205 | 0.300 | 0.300 |
| In-Basin GW Storage | 0.032 | 0.170 | 0.170 |
| Existing Central Valley GW Storage | 0.100 | 0.100 | 0.100 |
| Future Central Valley GW Storage/Transfers ⁵ | 0.000 | 0.160 | 0.285 |

¹ Long-term conservation since 1980.

² Includes voluntary drought (short-term) conservation at the retail-level, and cuts in MWD groundwater replenishment and agricultural deliveries.

³ Reduction in SWP supply in year 2010 due to increased shortages during a drought as demand in the system grows. A Delta "fix" is anticipated by 2015.

⁴ Includes Eastside Reservoir and use of DWR's terminus reservoirs (Castaic and Perris) per Monterey Agreement.

⁵ Future Central Valley storage & transfers are expected to come from the Delta and pre-banked south of Delta storage.

⁶ Note: Without recycling, conservation, groundwater and surface storage, and Central Valley Transfers, MWD's reliance on SWP supply from the Delta during a critical drought event would be about 2.0 million acre-feet by year 2020. In addition, in order for this strategy to be successful, Metropolitan must have continued access to wet year SWP supplies for storage.

9/16/98

No. 0405 P. 10/16

PLANNING & RESC 11TH

4:46PM

Sep. 21. 1998

D-045011

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